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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Engineering Staff, OC
 ATTN : Chief, R&D

DATE: 28 MAR 1960
 TTT-M-60-060

FROM : Chief, Telecommunications, Training & Techniques Staff, OC

SUBJECT: DC-DC Converter - PS-8

1. It is requested that arrangements be made for the fabrication of 50 each transistorized DC-DC converters (PS-8), which will permit utilization of the [] variety of receivers from conventional 6 and 12 volt DC supplies. 50X1

2. The converter should be comparable in size, in so far as possible, to the PS-4 presently being used to supply operating voltages to the [] from the AS-3 system. It is desired that the converter be designed to connect directly to the receiver(s) power receptacle and that its input cable include provision for connection to batteries as well as adaptation to the AS-3 system. Adaptation of the converter to the AS-3 system could possibly be accomplished through the means of a special adaptor/connector. The thinking behind this input connection arrangement is based on the opinion that the greatest operational application of the PS-8 will be in the supplying of operating voltages to Agent type receivers for monitoring purposes. Projects or activities interested in utilizing the PS-8 in connection with the AS-3 system could be furnished with the aforementioned adaptor/connector. 50X1

3. In addition to the requirement set forth in para 1, it is requested that the feasibility of the adaptor/connector proposal be investigated with fabrication costs based on the need for 25 units.

4. For further information please contact the Operational Requirements Section, extension [] [] 50X1
50X1

Distribution:
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